

Roots For Resilience: Strong Roots for a Changing Landscape

Living Shorelines Grant Application

Welcome to the Watershed and Climate Services' Form for submitting applications for Living Shoreline Restorations in the Lower Eastern Shore of Maryland to advance Maryland's goals for the Roots For Resilience: Strong Roots for a Changing Landscape initiative.

For questions please contact Ari Engelberg; ari.engelberg@maryland.gov; 401-260-8734

This document is to be used as a template for completing your living shoreline grant application.
The final grant application should be completed using this [google form](#) when you are ready to submit.

Applicant Information

- 1. Email**
- 2. Applicant Name**
- 3. Organization Name**
- 4. Mailing Address**
- 5. Email Address**
- 6. Phone Number**

Common Application

- 7. Project Title**
- 8. Project Abstract**

Please limit to 5 sentences detailing the overall goals and methods of the proposed project.
- 9. Project Need or Problem**

Identify the problem to be addressed. Will the project complement efforts to address coastal hazards, flood mitigation, habitat restoration, etc.
- 10. Project Context**

Describe how the project fits into the larger regional planning context. For example, the proposed project was identified as a priority for implementation in a state or local vulnerability assessment, hazard mitigation plan, comprehensive plan, or other planning document.

11. Project Climate Considerations

Describe the climate change factors (e.g., sea level rise, extreme heat) that are informing the development and implementation of the project.

12. Project Benefits

The state is interested in supporting projects that, in addition to cost-effective marsh protection, provide desirable benefits, such as:

- Creation of wildlife habitat;
- Restoration of aquatic resources
- Protection of infrastructure
- Local employment opportunities;
- Improvement or provision of recreational opportunities; and

Please identify how your project directly supports these benefits. Consult the following [web map](#) and [help documentation](#) for spatial datasets to help answer this question.

13. Partner Roles

If applicable, explain the roles and responsibilities of each project partner, including any sub-awardees and/or contractors.

14. Outreach

Provide details on any planned community outreach and engagement, or communication activities to disseminate project outcomes and gain community acceptance and input on project design and construction

15. Estimated Project Start Date

16. Key Milestones

Provide a concise timeline describing the implementation, activities, major tasks, milestones, and deliverables with their associated start and end dates. ***All construction must be completed by July 1, 2029**

17. Estimated Project Completion Date

Specify when construction is anticipated to be completed.

18. Project Sustainability after Grant-term

How will results support or inform ongoing/future work? If applicable, specify continued financial and technical support. For construction, explain your plan for long-term monitoring, care & protection.

19. Success Metrics

Describe how you will measure project success and document progress and results. What are your criteria for success and what tools will you use to evaluate the project?

20. Transmittal Letter on Official Letterhead

21. Letters of Support and/or Letters of Commitment

- Letters of support: Letters from stakeholders describing their general support of the proposed project.
- Letters of Commitment: Letters from key partners describing their commitments in terms of funding, permission (e.g., land owner permission), or in-kind support for the project.

Proposal Budget

22. Type of Funding Being Requested

Construction Only
 Design/Build
 Design Only

23. Total Grant Amount Requested (\$)

24. Do you have a Contractor Identified? Yes/No

Have you already obtained cost estimates, quotes, or bids from at least three service providers or obtained bids through a publicly advertised, competitive, open solicitation prior to completing the application?

25. Leveraged Funding Amount (\$)

Have you secured leveraged funding to support project design and/or implementation? Please indicate the amount of leveraged funding and describe the nature of this support. Leveraged support is not required to receive funding

26. Budget Template Upload

In your application you will need to upload the budget for your proposal using the template provided at the following [link](#).

Site Details (If there are multiple sites, you will be asked for answers to questions 26-47 for each additional site as well.)

27. Site Name

28. Type of Funding Being Requested for this Site

Construction Only
 Design/Build
 Design Only

29. Amount Requested for Site (\$)

30. Status of Project

Mark only one oval.

- Concept
- >35% design
- 35%-65% design
- 65%-90% design
- Construction Ready

31. Does the project require state or local permits?

Mark only one oval.

- Yes
- No

32. Please describe steps being taken in this project to minimize impacts to existing resources such as submerged aquatic vegetation?

For example, will you be conducting an alternatives analysis as part of your permit application (if this hasn't already been completed)?

33. Status of permits?

Mark only one oval.

- Not Submitted
- Submitted
- Permits in hand

34. Land Owner

Mark only one oval.

- State
- County
- Municipal
- Private
- Non-profit/Other Public
- Federal
- HOA/Community

35. Latitude

Decimal degrees; e.g. 38.8896 rather than 38°53'22"N

36. Longitude

Decimal degrees; e.g. -77.0353 rather 77°02'07"W

37. Address

Address should match with regulatory permit submission. If no permit is needed, please provide closest address for access.

38. County

39. Zipcode

40. Practice-Specific Details

Describe the practice to be designed or implemented, the current land use, and how it was selected. For implementation, please include living shoreline and marsh details.

41. Linear Feet of Shoreline Restored

Pre-restoration length of shoreline being protected by living shoreline practices

42. Acres of Tidal Marsh and/or Tidal Wetlands Protected

[Consult this FAQ document](#) for guidance in calculating this metric with the following [webmap](#).

43. Current Site/Concept Designs(attachment)

44. Aerial Imagery/Map (attachment)

45. Supporting Technical Documents (attachment)

Design calculations, RSLR worksheet, presentations, etc.

46. Landowner Agreement, if applicable (attachment)

This will be required to receive the grant if the project is awarded.

47. Photos (attachment)

48. Other (attachment)

Do you have additional locations beyond site 1 being submitted with this Application? If you click “No”, your application will be submitted.

Large-scale sites will be prioritized, but multiple sites may be submitted by applicants for consideration as a packaged project to meet your project goals. Please ensure justification for multiple sites is included in your application.